

# Foreverest Resources Ltd

## 茶树油

茶树油(TTO)是种从互叶白千层（亦称澳洲茶树，*Melaleuca alternifolia*）提取的天然精油，呈微黄色液体，伴有清新、似樟脑的气味。

茶树油广泛应用于化妆品和净肤产品中，其药用功效尤其适合药妆成分。根据相关研究证明，茶树油对头皮屑、痔疮、疱疹等皮肤问题具有明显疗效。

茶树油包含超过98种化合物成分，其中6种化学型不同于植物油成分。它们包括4-萜烯醇化学型、异松油烯化学型和桉叶油醇(1,8-cineole)化学型。其中4-萜烯醇化学型是主要的商用规格，其主分能够起到抗炎、杀菌灯药用功效。

注：我司供应的茶树油提取自互叶白千层（亦称澳洲茶树，*Melaleuca alternifolia*），本产品玉树油提取自白千层（*Melaleuca leucadendra*）或卡玉普白千层（*Melaleuca cajuputi*）。

## Substance Identification

Synonyms	Melaleuca Oil   TTO
CAS	N/A
EINECS	614-679-1
FEMA	N/A
HS.CODE	33012990
Molecular Formula	N/A
Molecular Weight	N/A

## Application & Uses

- 药妆成分，对头皮屑、痔疮、疱疹等皮肤问题具有明显疗效
- 食物、软饮的香料成分[10~50ppm]
- 日化用品、清洁剂的天然成分

## Features & Benefits

# Sales Specification

ITEM	VALUE
外观	无色至浅黄液体
气味	清香、樟木辛香
折光指数@ n20/D	1.475 to 1.482
相对密度@ d20/4	0.865 to 0.884
旋光度@20°C, °	+1 to +15
松油含量XBR%	29 min
4-萜烯醇XBR%	30 min
1,8桉叶油醇XBR%	5 max

## Package

- 新铁桶，180公斤，80桶每20尺柜

# GHS Hazard Statements

## Storage

- 密封贮存于通风、干燥、阴凉处
- 贮存容器开口后应重新封口并保持直立放置防止泄漏
- 与氧化物隔离贮存
- 远离火苗、明火、火源

## Relation Products

- [Terpinen-4-ol](#)
- [Terpinen-4-ol](#)
- [1,4-Cineole](#)
- [1,4-Cineole](#)
- [1,8-Cineole](#)
- [Cajeput Oil](#)

## Relation Articles

- [Beverage Ingredient Glossary](#)

- Bio-Based Feedstocks for Adhesives and Sealants: Everything Old is New Again
- Herbicidal composition and method
- Ingredients Focus: Naturals In Personal Care
- Pine Chemicals as an Engine for Economic Growth and Sustainability
- Terpinen-4-ol and alpha-terpineol (tea tree oil components) inhibit the production of IL-1beta, IL-6 and IL-10 on human macrophages
- Biological function and mechanism of plant extracts(2)
- R&D on Terpinen-4-ol
- Terpinen-4-ol is the Most Active Ingredient of Tea Tree Oil to Kill Demodex Mites
- Essential oils in preventing and controlling crop diseases
- TERPENE ESSENTIAL OILS: The research and development direction of anti-virus drugs is concerned
- What are the natural terpenes
- What are the natural terpenes (2)
- Why do scholars study the antiviral envelope activity of essential oil from its antibacterial

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## Remark

*The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.*